

In the Claims

1. (Currently amended) A multicomponent vaccine for ~~ruminants~~  
cattle comprising an immunogenically effective combination  
of a protective antigen component from at least six  
clostridial organisms, a protective antigen component from  
at least one non-clostridial organism, which is Moraxella  
Bovis (M.Bovis) and an adjuvant, wherein the vaccine is in a  
low dose volume of about 3 2 ml or less.
2. (Currently amended) A multicomponent vaccine for cattle,  
comprising an immunogenically effective combination of  
protective antigen components from at least seven  
clostridial organisms, a protective antigen component from  
at least one non-clostridial organism, which is M. Bovis,  
and an adjuvant, wherein the vaccine is in a low dose volume  
of about 3 2 ml or less.
3. (Currently amended) The vaccine according to Claim 1,  
wherein the clostridial organism is selected from the group  
consisting of *cl. Clostridium chauvoei*, *cl. Clostridium*  
*septicum*, *cl. Clostridium novyi*, *cl. Clostridium*  
*perfringens* type C, *cl. Clostridium perfringens* type D, *cl.*  
*Clostridium sordellii*, *cl. Clostridium h/aemolyticum* and *cl.*  
*Clostridium tetani*.

Claims 4-10 Cancelled

11. (Previously presented) The vaccine according to Claim 1, wherein the adjuvant is selected from the group consisting of a polymer, a block co-polymer, an oil-in-water emulsion, a water-in-oil emulsion, Al(OH)<sub>3</sub>, AlPO<sub>4</sub>, an extract of a bacterial cell wall, an extract of a plant, a liposome, a saponin and a combination of at least two thereof.

Claims 12-14 Cancelled

15. (Previously presented) The vaccine according to Claim 3, wherein the 6 clostridial organisms are selected from the group consisting of *Cl. chauvoei*, *Cl. septicum*, *Cl. novyi*, *Cl. perfringens* type C, *Cl. perfringens* type D, *Cl. haemolyticum* and *Cl. sordellii*.

16. (Canceled)

17. (Previously presented) The vaccine according to Claim 2, wherein the 7 clostridial organisms are selected from the group consisting of *Cl. chauvoei*, *Cl. septicum*, *Cl. novyi*, *Cl. perfringens* type C, *Cl. perfringens* type D, *Cl. sordellii*, *Cl. haemolyticum*, and *Cl. tetani*.

18. (Currently amended) The vaccine according to Claim 1,  
wherein the protective antigen component from 6 clostridial  
organisms ~~are is~~ from *Cl. chauvoei*, *Cl. septicum*, *Cl novyi*,  
*Cl. perfringens* type C, *Cl. perfringens*, type D, and *Cl.*  
~~sordellii and the protective antigen component from a non-~~  
~~clostridial organism is from *H. somnus*.~~
19. (Currently amended) The vaccine according to claim 2,  
wherein the protective antigen component from 7 clostridial  
organisms is from *Cl. chauvoei*, *Cl. septicum*, *Cl novyi*, *Cl.*  
*perfringens* type C, *Cl. perfringens*, type D, *Cl.*  
*haemolyticum* and *Cl. sordellii* and ~~the protective antigen~~  
~~component from a non-clostridial organism is from *H. somnus*.~~

Claims 20-39 Canceled

40. (Currently amended) The vaccine according to claim 2,  
wherein the 7 clostridial organisms are *Cl. chauvoei*, *Cl.*  
*septicum*, *Cl novyi*, *Cl. perfringens* type C, *Cl. perfringens*  
type D, *Cl. sordellii* and *Cl. haemolyticum* and the  
protective antigen component from at least one non-  
clostridial organism ~~is comprises~~ *H. somnus* or and *M. bovis*.

Claims 41-45 (Canceled)

46. (Previously presented) A method of immunizing an animal comprising administering an effective amount of the vaccine of Claim 1.
47. (Previously presented) A method of immunizing an animal comprising administering an effective amount of the vaccine of Claim 2.